

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:	)	
M. Seul <i>et al.</i>	)	
	)	Group Art Unit:
Serial No. unassigned	)	
	)	Examiner:
Filed: herewith	)	
	)	
For: Light-controlled electrokinetic assembly of	)	
particles near surfaces	)	
	)	
	-	

Assistant Commissioner for Patents  
PO Box 1450  
Alexandria VA 22313-1450

**Preliminary Amendment**

Dear Sir:

Please amend the application title to read as follows:

-- Arrays Formed of Encoded Beads Having Ligands Attached --

Please delete all existing claims and add the following new claims, numbers 76 to 99.

76. An array of several different particle-attached ligands, wherein different ligands are attached to different particles and said particles are encoded with a chemical or physical characteristic that identifies the ligand attached thereto, and wherein said particles are arranged on a substrate in a planar, defined configuration and wherein said particles are affixed to said substrate.

77. The array of claim 76 wherein the ligands are proteins or oligonucleotides.

78. The array of claim 76 wherein, within the defined configuration, the particles are randomly positioned.